

20020222.ba v03\_n300.bam.20020222

>From ???@??? Fri Feb 22 08:42:17 2002 -0600  
Message-Id: <200202221442.g1MEg8PN014520@sco.theporch.com>  
Date: Fri, 22 Feb 2002 14:41:37 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3300

BOATANCHORS Digest 3300

Topics covered in this issue include:

- 1) Curly cords  
by "COWARD,JAY (A-SanJose,ex1)" <jay\_coward@agilent.com>
- 2) Re: Curly cords  
by Bob Roehrig <broehrig@aurora.edu>
- 3) Re: Curly cords  
by Al Klase <skywaves@bw.webex.net>
- 4) RE: Curly cords  
by "Jim Berry" <basalop@gte.net>
- 5) Re: Curly cords  
by "Ed Zeranski" <ezeran@concentric.net>
- 6) SOS de WRL Globe Champion 300  
by "R.J. Mattson" <rjmattson@hvi.net>
- 7) 1950s German valves: EL12  
by Hans Zimmermann <Hans.Zimmermann@ties.itu.ch>
- 8) Re: Curly cords  
by "Paul H. Anderson" <pha@pdq.com>
- 9) Misc For Sale  
by Merz Donald S <merz.ds@mellon.com>
- 10) TRADE: Hammarlund HQ-129X Receiver  
by tony@bright.net
- 11) RE: Curly cords  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 12) ADMINISTRIVIA: Over Quoting  
by listown@nanniandjack.com (Mail List Owner)
- 13) Need R-388 part  
by Joe Eide <jeide@execpc.com>
- 14) Question for group  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 15) Re: Question for group  
by Arden Allen <gumbear@pacbell.net>
- 16) Re: Question for group  
by Scott Robinson <spr@earthlink.net>
- 17) [Fwd: History of Communications-Electronics in the US Navy]  
by Jerry Proc <jerry.proc@sympatico.ca>
- 18) Re: Question for group

by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
19) RE: [Fwd: History of Communications-Electronics in the US Navy]  
by "Jim Berry" <basalop@gte.net>  
20) Re: Question for group  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>

-----  
Message-ID: <01A7DAF31F93D511AEE300D0B706ED9201573016@axcs13.cos.agilent.com>  
From: "COWARD,JAY (A-SanJose,ex1)" <jay\_coward@agilent.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Curly cords  
Date: Wed, 20 Feb 2002 15:41:07 -0700  
MIME-Version: 1.0  
Content-Type: text/plain

Hello Group,

I don't know if this has been covered before and I have a hint from the folks who did the excelent book on Zenith Trans- Oceanics.

I have obtained military "cordage" on ocassion of the rubber outer sheath variety that has taken a "permanent" curly shape due to being curled up for 50-60 + years in a small package.(cold flow of rubber).

One sugestion was to hang the cord/cable with a small weight attached.

The Zenith T0 book suggests soaking old rubber in Armorall for a year.

My thought is to immerse the cable in boiling water to soften the rubber and when soft straighten it out.But that may "cook" the rubber even harder.

Any thouhts/experience do's and don'ts on this subject?

All help thanks in advance.

Jay KE6PPF

-----  
Sent from my BlackBerry Wireless Handheld (www.BlackBerry.net)

-----  
Date: Wed, 20 Feb 2002 16:53:14 -0600 (CST)  
From: Bob Roehrig <broehrig@aurora.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Curly cords  
Message-ID: <Pine.OSF.4.43.0202201652060.24190-1000000@mail.aurora.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 20 Feb 2002, COWARD,JAY (A-SanJose,ex1) wrote:

> I have obtained military "cordage" on ocassion of the rubber outer sheath  
> variety that has taken a "permanent" curly shape due to being curled up for  
> 50-60 + years in a small package.(cold flow of rubber).  
> One sugestion was to hang the cord/cable with a small weight attached.  
> The Zenith T0 book suggests soaking old rubber in Armorall for a year.

> My thought is to immerse the cable in boiling water to soften the rubber  
> and when soft straighten it out. But that may "cook" the rubber even harder.

Anyone have any hints on how to soften those rock-hard idler "puck"  
wheels in old phonographs? Some of those are irreplaceable.

73            Bob Roehrig            K9EUI  
Aurora University Telecom/IS dept.  
630-844-4898    broehrig@aurora.edu

-----  
Message-ID: <3C743EF7.1104E1E6@bw.webex.net>  
Date: Wed, 20 Feb 2002 19:27:35 -0500  
From: Al Klase <skywaves@bw.webex.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Curly cords  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Roehrig wrote:

>  
> Anyone have any hints on how to soften those rock-hard idler "puck"  
> wheels in old phonographs? Some of those are irreplaceable.

You might try chucking the part in a drill or lathe and  
sanding it down to less oxidized rubber.

Also, suppliers of repair parts for VCR's etc. Like  
[www.dalbani.com](http://www.dalbani.com) and [www.mcmelectronics.com](http://www.mcmelectronics.com) have a large  
array of idler wheels and tires. You may have to get hold  
of their paper catalog to really see what they have. My  
older catalog has three pages of tire drawings that you can  
just lay your part on top of to choose something close.  
They make you buy 10 at a time, but they're about a quarter  
apiece.

73,  
Al

--  
Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ 08822

Web Page: <http://www.webex.net/~skywaves/home.htm>

-----  
From: "Jim Berry" <basalop@gte.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Curly cords  
Date: Wed, 20 Feb 2002 19:47:40 -0800  
Message-ID: <000d01c1ba8a\$82fa9d00\$0c19e243@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Bob, and anyone else who might be interested

I was looking around in the Antique Electronic Supply catalog,  
<http://www.tubesandmore.com>  
and came across a product they call "Rubber Revitalizer. The part  
number is S-C220. They also sell a product called "Phono Non-slip"  
which also restores rubber. The part number is S-C10-8602.

>  
> Anyone have any hints on how to soften those rock-hard  
> idler "puck"  
> wheels in old phonographs? Some of those are irreplaceable.  
>  
>                               73               Bob Roehrig               K9EUI  
>                               Aurora University Telecom/IS dept.  
>                               630-844-4898   broehrig@aurora.edu

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/2002

-----  
Message-ID: <01e301c1ba94\$627efc60\$a5f6fea9@g5p3m4>  
From: "Ed Zeranski" <ezeran@concentric.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Curly cords  
Date: Wed, 20 Feb 2002 20:58:18 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've hung them outside and hit them with a heat gun.....works sometimes but  
if the life is gone from the rubber its iffy.

>> I have obtained military "cordage" on occasion of the rubber outer sheath  
>> variety that has taken a "permanent" curly shape due to being curled up for  
>> 50-60 + years in a small package.(cold flow of rubber).

A friend has an old UNIMAT, he makes new ones....

>Anyone have any hints on how to soften those rock-hard idler "puck"  
>wheels in old phonographs? Some of those are irreplaceable.

-----  
Message-ID: <001001c1ba99\$e4331480\$f86ddb0@rjmattson>  
From: "R.J. Mattson" <rjmattson@hvi.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: SOS de WRL Globe Champion 300  
Date: Thu, 21 Feb 2002 00:37:44 -0500  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_000D\_01C1BA6F.FA3FB5A0"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_000D\_01C1BA6F.FA3FB5A0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi  
I am restoring a Globe Champion 300 I bought at a flea market from a =  
CBer.  
The 160-10m PA Tank Circuit was cut out and replaced with a large 11m =  
coil.  
Does anyone have the kit pictorial so I can replicate the gauge, =  
diameter,  
turns per inch and taps of this coil?  
Regards,  
Bob Mattson....W2AMI WN2AMI 1962=20

-----=\_NextPart\_000\_000D\_01C1BA6F.FA3FB5A0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*

\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_000D\_01C1BA6F.FA3FB5A0--

-----  
Date: Thu, 21 Feb 2002 11:37:59 +0100 (MET)  
Message-Id: <200202211037.LAA25227@ties.itu.ch>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Hans Zimmermann <Hans.Zimmermann@ties.itu.ch>  
Subject: 1950s German valves: EL12  
Cc: boatanchors@theporch.com

Hue:

The EL12 can only be the audio output tube of your radio: "E" for 6.3 AC heater, "L" for power (output) pentode, "12" for the socket (big German type, 3+5 assymmetric short pins and a center pin like an octal type, same for "11", "13" and "14"). The socket "grips" the specially shaped pins, so they stay in place when the radio was moving and shaking - useful, as these tubes were often used in German mil equipment.

Different from most tubes with these numbers, the EL12 is a usually a glass tube, most common in ST shape, but there are various models of it, and even a higher-dissipation variety, with a extra letter behind it. All others in this family are usually short, fat, metal tubes.

When your radio was designed, the EL12 was already outdated, but probably still cheaper than a miniature equivalent, so they used it together with the miniatures ("80"'s series are 9 pin, "90"s are 7 pin). EL12's and others from this number-family are rather rare, and nowadays expensive, but substitution with an adaptor socket should be easy, as it is "only" an AF output stage. If you want to go really museum-quality-original, I might be able to find one for you, or I might even have a used one somewhere, and the same applies for the other E... types.

73

Hans, HB9AQS

-----  
Date: Thu, 21 Feb 2002 09:32:26 -0500 (EST)  
From: "Paul H. Anderson" <pha@pdq.com>

To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Curly cords  
Message-ID: <Pine.BSF.4.21.0202210931180.32291-100000@localhost>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have not tried this, but Barry Hauser suggested in a posting long ago:

"Another thing to pick up while you're at it is Caikleen RBR Cat.#:  
910-3889 at \$15.75 for 354 ml. Expensive, yes, but it works wonders on  
old mil type rubber cables and line cords. Get's the accumulated gunk off  
and rejuvenates the thing. Also good on those rubber seals on the  
URM-25's. I treated the seals with the stuff. At first it looked like I  
ruined them -- the rubber will sometimes swell up and get bumpy, but after  
a short while it shrinks back down and regains its flexibility. Also  
great for restoring those real rubber test leads -- so the red is red,  
etc. They regain their suppleness -- but will also look like a case of  
the pox until the stuff cures. I originally bought it before I knew about  
DeOxit for our high speed printers here and most of their rollers. The  
stuff has a pleasant citrus aroma -- at first. Then as the fumes build up  
it smells like the orange that ate New York. So use it with plenty of  
ventilation."

Paul

On Wed, 20 Feb 2002, COWARD,JAY (A-SanJose,ex1) wrote:

> Hello Group,  
> I don't know if this has been covered before and I have a hint from the  
> folks who did the excelent book on Zenith Trans- Oceanics.  
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> Any thouhts/experience do's and don'ts on this subject?  
> All help thanks in advance.  
> Jay KE6PPF  
> -----  
> Sent from my BlackBerry Wireless Handheld (www.BlackBerry.net)  
>

+-----+  
| Paul Anderson                      Public Data Queries, Inc. |

| pha@pdq.com 734-213-4964 x308 |  
+-----+

-----  
Message-ID: <20020221151136.17797.qmail@mellon.com>  
From: Merz Donald S <merz.ds@mellon.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Misc For Sale  
Date: Thu, 21 Feb 2002 10:10:54 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

#### For Sale

The DX Magazine, 14 back issues from Sept/Oct, 1994 through November/December, 1998. Mostly in very good condition. A very interesting look at various DXpeditions and an in-depth introduction to hams in many DX locations. \$26 PPD

QRP Quarterly, 12 back issues from July, 1995 through October, 1997. These are awesome. Excellent construction and modification letters, excellent large ham tips section in each issue, interesting antenna stuff. One issue is more interesting than the next. Mostly in very good condition. \$26 PPD

Supreme Beitman's 1952 edition of the most often needed radio diagrams, Volume 12. water-stained. \$9 PPD

Antennas, by Lamont V. Blake, Wiley Series in Electronic Engineering Technology, 1966. This is a solid mixture of rigorous theory and well-written discussion of principles. Not for the casual reader. 415 page paperback in excellent condition. \$13 PPD

Homebrew 50 watt transmitter built from the 1998 ARRL Handbook. 12" wide, 6" deep and 8" tall. Aluminum chassis and front panel. No cabinet, just a cage over the final. Uses 3 tubes: 6146, 6AG7 and 0A2. Mounted on a wooden base. Has onboard power supply and uses plug in coils. One coil set covering 40M and 30M is included. Crystal control, CW-only. With LO/HI RF power switch. Appears to have been built on a re-used chassis and panel because there are many un-used



holes. Built by K3LPI, now a SK, and comes with his construction notes. Definitely not a beauty queen. But solidly built out of quality components. I tested this on 40M and it seems to be working fine. As-is. \$45

Thanks.

73, Don Merz, n3RHT

\*\*\*\*\*  
DISCLAIMER: The information contained in this e-mail may be confidential and is intended solely for the use of the named addressee. Access, copying or re-use of the e-mail or any information contained therein by any other person is not authorized. If you are not the intended recipient please notify us immediately by returning the e-mail to the originator.

-----  
Message-Id: <200202211547.g1LFla0g023844@hagus.bright.net>  
From: tony@bright.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Thu, 21 Feb 2002 10:46:40 -0500  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: TRADE: Hammarlund HQ-129X Receiver

Hi Gang,

I have a very nice Hammarlund HQ-129X Communications Receiver that I would like to trade.

The HQ-129X was Hammarlund's first post-War receiver. This receiver was very popular with hams and SWLs of the day because it gave excellent performance and was affordable.

My radio is in very nice condition. The front panel looks great, and the cabinet is clean, with a few nicks in the paint. An area of the lid shows some paint fading. The chassis is very clean. Best of all, the set works very well. Some of the capacitors have been replaced, and the radio has a safe line cord.

I tend to favor National Company products. I would like to trade my HQ-129X for a National receiver of the 1930 to 1950 period, especially an HRO or ex-military receiver. I would also consider a Hallicrafters, RME, RCA, or similar receiver of the era.

I've posted three pictures of the HQ-129X. See them at:

<http://www.bright.net/~tony/hammarlund.jpg>

<http://www.bright.net/~tony/hammarlund1.jpg>  
<http://www.bright.net/~tony/hammarlund.2.jpg>

Let me know if you're interested in a trade. Thanks!

Regards,

Tony W8HRO

-----  
Message-Id: <5.1.0.14.0.20020221100129.03ea4e98@vuse.vanderbilt.edu>  
Date: Thu, 21 Feb 2002 10:02:58 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Subject: RE: Curly cords  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:47 PM 2/20/2002 -0800, you wrote:

>Hello Bob, and anyone else who might be interested  
>

>I was looking around in the Antique Electronic Supply catalog,  
><http://www.tubesandmore.com>  
>and came across a product they call "Rubber Revitalizer. The part  
>number is S-C220. They also sell a product called "Phono Non-slip"  
>which also restores rubber. The part number is S-C10-8602.

I've not used the rubber revitalizer. The non-slip is a rubber solvent, and works with stiff belts and pucks by eating off the outer (crumbly) layer. The down side is that if there is no live rubber underneath, it won't work.

A. B. Bonds

-----  
Message-Id: <200202211915.g1LJF13p017331@osr506.nanniandjack.com>  
From: listown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: Over Quoting  
Date: Thu, 21 Feb 2002 11:15:01 -0800 (PST)

Gang-

Apparently the gentle nudge and suggestion approach to the issue of improving the quality of posts to the BoatAnchors list, and maintaining our excellent (and high) signal to noise ratio is falling on DEAF EYES!

PLEASE READ THIS AND SAVE IT BECAUSE IT IS IMPORTANT!!!

The list culture is to include only those portions of a prior post that are required to maintain the context of your comments. We have always tried to reduce the amount of "chaf" on the list, and this is one good way.

In private mail between you, a subscriber, and me, as list manager, I really don't care one way or the other, but when posting to the list, there are at least two issues of concern:

- 1) the increased bandwidth from including extra text.  
With the trial subscriptions and full members, the number of copies of each post mailed out change the impact of each extra word so that each single character becomes 1,000 characters of mail!
- 2) by not editing out included text, it sends a not at all subtle message to the list, that the poster considers his/her own time required to merely swipe his mouse across the text and tap the delete key, to be more valuable than the collective time and energy of the 600-700 readers on the list... not exactly a "positive" message! ;^)

This isn't rocket science... you place the pointer at the top of the message you are including \*parts\* of, and click-drag to where you need to include, and then hit the backspace or delete key... painless, easy, quick, and very helpful to the list.

PLEASE begin to pay attention to this... those who consistently can not be bothered to be considerate of the list will forfeit posting privileges and risk not being invited back for membership.

Treat the list as a symposium. In such an environment, with 600 others attending who have paid to be there, it is unlikely you would repeat someone else's portion of a conversation in its entirety as part of your own remarks... it would become very tedious, very quickly, if you did... especially if you repeated even the closing signature block of the previous message.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"

Thu Feb 21 11:15:00 PST 2002

-----

Message-ID: <3C75947D.42DE263@execpc.com>  
Date: Thu, 21 Feb 2002 18:44:45 -0600  
From: Joe Eide <jeide@execpc.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need R-388 part  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am looking for a pair of the rollers that are typically found on Collins R-388 receivers. They are attached on the bottom rear side panels of the radio and are used in a special rack mount slide type device. They are like a metal wheel mounted on a shoulder bolt.

Anyone have a pair they would consider selling me so I don't have to go to the machine shop??

Thank you for reading this,

Joe Eide - KB9R

-----  
Message-Id: <5.1.0.14.2.20020221203138.00b03db8@po.muohio.edu>  
Date: Thu, 21 Feb 2002 20:32:28 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: Question for group  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Hi Gang,

I received the following inquiry and wonder if anyone can shed any light on the question.

Tnx es 73,  
Jim W8ZR

>Hi,

> Interesting Site; Thanks for sharing it with Us!

>

> I am a collector/restorer of late 50's thru 60's tube hifi gear.

> My interest is primarily Dynaco brand equipment.

> I recently purchased a Dynaco Mark3 tube amp "bare chassis"

> which appears to be NOS of early 1970's vintage just prior to  
> the demise of the company.

> Unlike a number of other Mark3 amps I own including many others

> I have seen over the years, this specific unit includes an added  
> output terminal adjacent to the speaker outputs marked 70volt.  
> I was told that this amp (chassis) was destined to be a power  
> supply for a Ham radio.I was not aware that Dynaco was in this  
> market nor am I sure this is the correct explanation.  
> Could You offer any insight?  
> Look forward to Your reply                      Regards   Kevin Devaney

-----  
Date: Thu, 21 Feb 2002 17:49:21 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Question for group  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0GRW0023SVQ3MI@mta7.pltn13.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Jim;

> > .....I have seen over the years, this specific unit  
includes an added  
> > output terminal adjacent to the speaker outputs marked 70volt.  
> > I was told that this amp (chassis) was destined to be a power  
> > supply for a Ham radio.I was not aware that Dynaco was in this  
> > market nor am I sure this is the correct explanation.  
> > Could You offer any insight?

My take is that someone was peddling hogwash. The 70 volt tap was added to the output transformer for the obvious reason, to power a distributed music system. With 50 watts RMS output a Mk III could make a lot of noise around the house.

Arden Allen    KB6NAX    Vallejo, CA    gumbear@pacbell.net

-----  
Message-ID: <3C75AADE.C6D584DD@earthlink.net>  
Date: Thu, 21 Feb 2002 18:20:14 -0800  
From: Scott Robinson <spr@earthlink.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Question for group  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

James and Kevin,

The 70.0 volt standard is used in PA applications. The idea is that

this is the voltage at full output. Each speaker in, for instance, a multi-speaker paging system, has its own step-down transformer with taps labeled in watts. You adjust the taps on each to get the individual volumes right for the desired sound coverage. When all the loads (in watts) add up to the available wattage, you need a bigger amp or more of 'em. If they are less, you are still good to operate.

Distributing over large distances-an airport passenger area, for instance-is cheaper at high voltages as you can use thinner wire and still get acceptable losses in the wiring.

Regards,

Scott

"James C. Garland" wrote:

>  
> >Hi Gang,  
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> the question.  
> Tnx es 73,  
> Jim W8ZR  
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> >Hi,  
> > Interesting Site; Thanks for sharing it with Us!  
> >  
> > I am a collector/restorer of late 50's thru 60's tube hifi gear.  
> > My interest is primarily Dynaco brand equipment.  
> > I recently purchased a Dynaco Mark3 tube amp "bare chassis"  
> > which appears to be NOS of early 1970's vintage just prior to  
> > the demise of the company.  
> > Unlike a number of other Mark3 amps I own including many others  
> > I have seen over the years, this specific unit includes an added  
> > output terminal adjacent to the speaker outputs marked 70volt.  
> > I was told that this amp (chassis) was destined to be a power  
> > supply for a Ham radio.I was not aware that Dynaco was in this  
> > market nor am I sure this is the correct explanation.  
> > Could You offer any insight?  
> > Look forward to Your reply                      Regards Kevin Devaney

--

Scott Robinson  
spr@earthlink.net

Junque is GOOD for you!

-----  
Message-ID: <3C756AF6.7E42FEA7@sympatico.ca>  
Date: Thu, 21 Feb 2002 16:47:34 -0500  
From: Jerry Proc <jerry.proc@sympatico.ca>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: skywide@egroups.com, rnars <scuttlebutt@yahooogroups.com>  
Subject: [Fwd: History of Communications-Electronics in the US Navy]  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>From the armyradios email reflector:

This is an HTML version of the original 1963 U.S. government  
publication,  
History of Communications-Electronics in the United States Navy, by  
Captain  
Linwood S. Howeth, USN (Retired). 657 pages. Go here:

<http://www.angelfire.com/nc/whitetho/1963hw.htm>

[Via John Forster]

--

Regards,  
Jerry Proc VE3FAB  
Toronto, Ontario  
e-mail: [jerry.proc@sympatico.ca](mailto:jerry.proc@sympatico.ca)  
<http://webhome.idirect.com/~jproc/ve3fab>

-----  
Message-Id: <5.1.0.14.2.20020221223621.00afd658@po.muohio.edu>  
Date: Thu, 21 Feb 2002 22:37:11 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: Re: Question for group  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Tnx for your answers, Guys. I'm continually amazed at the expertise on this  
List!

73,  
Jim W8ZR

-----  
From: "Jim Berry" <basalop@gte.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <skywide@egroups.com>, "rnars" <scuttlebutt@yahoogroups.com>  
Subject: RE: [Fwd: History of Communications-Electronics in the US Navy]  
Date: Thu, 21 Feb 2002 21:25:06 -0800  
Message-ID: <000201c1bb61\$4a3391c0\$2141e243@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Group,

That is a very good source of information. I have that book in my collection. I do not remember what I paid for it now though. Remember though that it covers up to around the mid thirties. If your interested in WWII gear, and later, it won't be covered. In any case, I would suggest a visit to that site. A real gold mine of information. Thank You Jerry for turning us on to it.

73 Jim K7SLI

> -----Original Message-----  
> Subject: [Fwd: History of Communications-Electronics in  
> the US Navy]  
  
> >From the armyradios email reflector:  
>  
> This is an HTML version of the original 1963 U.S. government  
> publication,  
> History of Communications-Electronics in the United States Navy, by  
> Captain  
> Linwood S. Howeth, USN (Retired). 657 pages. Go here:  
>  
>  
<http://www.angelfire.com/nc/whitetho/1963hw.htm>

[Via John Forster]

--

Regards,  
Jerry Proc VE3FAB  
Toronto, Ontario  
e-mail: [jerry.proc@sympatico.ca](mailto:jerry.proc@sympatico.ca)  
<http://webhome.idirect.com/~jproc/ve3fab>

---



Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/2002

-----  
Message-Id: <5.1.0.14.0.20020222084546.03ea4e98@vuse.vanderbilt.edu>  
Date: Fri, 22 Feb 2002 08:48:11 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Subject: Re: Question for group  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:32 PM 2/21/2002 -0500, you wrote:

>>Hi Gang,  
>  
>I received the following inquiry and wonder if anyone can shed any light  
>on the question.  
>Tnx es 73,  
>Jim W8ZR  
>  
>  
>>  
>> I am a collector/restorer of late 50's thru 60's tube hifi gear.  
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>> which appears to be NOS of early 1970's vintage just prior to  
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>> supply for a Ham radio.I was not aware that Dynaco was in this  
>> market nor am I sure this is the correct explanation.

Horse-hockey. "70 v" on an audio amp is simply the high-impedance distribution line. For amps required to drive a large number of speakers (e.g., throughout a building) this line is run, and pickoff transformers are used for each speaker. These transformers usually have different secondary taps depending on how much power is to be delivered to the local speaker.

"Power supply for a ham radio" indeed. Sheesh. ;)

A. B. Bonds

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End of BOATANCHORS Digest 3300  
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